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PTO/SB/21 (08-03)

Approved for use through 07/31/06. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

15

Application Number

10/689,779

Filing Date

October 21, 2003

First Named Inventor

Peter J. Hopper et al.

Group Art Unit

1775

Examiner Name

Stein, Stephen J.

Attorney Docket Number

100-23500 (P05712)

ENCLOSURES (check all that apply)

☒ Fee Transmittal Form (in duplicate)

☒ Fee Attached (check for \$86)

☒ Amendment/Response

☐ After Final (Response)

☐ Affidavits/declaration(s)

☐ Extension of Time Request

☐ Express Abandonment Request

☐ Information Disclosure Statement

☐ Certified Copy of Priority Document(s)

☐ Response to Missing Parts/ Incomplete Application

☐ Response to Missing Parts under 37 CFR 1.52 or 1.53

☐ Assignment Papers (for an Application)

☐ Drawing(s)

☐ Licensing-related Papers

☐ Petition Routing Slip (PTO/SB/69) and Accompanying Petition

☐ Petition to Convert to a Provisional Application

☐ Power of Attorney, Revocation Change of Correspondence Address

☐ Terminal Disclaimer

☐ Request for Refund

☐ CD, Number of CD(s) _____

☐ After Allowance Communication to Group

☐ Appeal Communication to Board of Appeals and Interferences

☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Inquiry

☒ Other Enclosure(s) (please identify below):

Return Receipt Postcard
Certificate of Mailing

Remarks

Please charge any necessary fees or credit overpayment to Deposit Account No. 502305. A duplicate copy of this transmittal is attached for this purpose.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name

Mark C. Pickering, Reg. No. 36,239

Signature

Date

May 24, 2004

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: May 24, 2004

Typed or printed name

Robin L. King

Signature

Date

May 24, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

MAY 27 2004

FEE TRANSMITTAL**For FY 2004**

Patent Fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT**\$86****METHOD OF PAYMENT (check one)**

1. ☒ The Commissioner is hereby authorized to charge any fees or credit any overpayment under 37 CFR 1.16 and 1.17 which may be required by this paper to Deposit Account No. **502305**

LAW OFFICES OF MARK C. PICKERING

☐ Applicant claims small entity status. See 37 CFR 1.27.

2. ☒ **Payment Enclosed:**

☒ Check ☐ Money Order ☐ Other

FEE CALCULATION**1. BASIC FILING FEE**

LARGE ENTITY

SMALL ENTITY

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|----------|----------|----------|----------|-----------------|----------|
| 1001 | 770 | 2001 | 385 | Utility | |
| 1002 | 340 | 2002 | 170 | Design | |
| 1003 | 530 | 2003 | 265 | Plant | |
| 1004 | 770 | 2004 | 385 | Reissue | |
| 1005 | 160 | 2005 | 80 | Provisional | |

SUBTOTAL (1)**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

| | | Extra Claims | Fee from below | Fee Paid |
|---------------|------------|--------------|----------------|----------|
| Total Claims | 20 - 20 ** | = 0 | x 18 | = \$ 0 |
| Independent | 4 - 3 | = 1 | x 86 | = \$ 86 |
| Multiple Dep. | | | * | = \$ 0 |

** or number previously paid, if greater; for Reissues, see below:

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description |
|-----------------------|-----------------------|-----------------------|-----------------------|--|
| 1202 | 18 | 2202 | 9 | Claim in excess of 20 |
| 1201 | 86 | 2201 | 43 | Independent claims in excess of 3 |
| 1203 | 290 | 2203 | 145 | Multiple dependent claim, if not paid |
| 1204 | 84 | 2204 | 42 | ** Reissue ind. claims over original patent |
| 1205 | 18 | 2205 | 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) **\$86****SUBMITTED BY**

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Customer No. 33402

Complete if Known

| | |
|-----------------------|------------------------|
| Application Number | 10/689,779 |
| Filing Date | October 21, 2003 |
| First Named Inventor | Peter J. Hopper et al. |
| Examiner Name | Stein, Stephen J. |
| Group Art Unit | 1775 |
| Attorney Document No. | 100-23500 (P05712) |

FEE CALCULATION (continued)**3. Additional Fees**

Large Entity Fee Code Small Entity Fee Code

| | | | | |
|------|------|------|------|--|
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet |
| 1053 | 130 | 1053 | 130 | Non-English specification |
| 1812 | 2520 | 1812 | 2520 | For filing a request for ex parte reexamination |
| 1804 | 920 | 1804 | 920 | Requesting publication of SIR prior to Examiner action |
| 1805 | 1840 | 1805 | 1840 | Requesting publication of SIR after Examiner action |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month |
| 1252 | 420 | 2252 | 210 | Extension for reply within second month |
| 1253 | 950 | 2253 | 475 | Extension for reply within third month |
| 1254 | 1480 | 2254 | 740 | Extension for reply within fourth month |
| 1255 | 2010 | 2255 | 1005 | Extension for reply within fifth month |
| 1401 | 330 | 2401 | 165 | Notice of Appeal |
| 1402 | 330 | 2402 | 165 | Filing a brief in support of an appeal |
| 1403 | 290 | 2403 | 145 | Request for oral hearing |
| 1451 | 1510 | 1451 | 1510 | Petition to institute a public use proceeding |
| 1452 | 110 | 2452 | 55 | Petition to revive-unavoidable |
| 1453 | 1330 | 2453 | 665 | Petition to revive-unintentional |
| 1501 | 1330 | 2501 | 665 | Utility issue fee (or reissue) |
| 1502 | 480 | 2502 | 240 | Design issue fee |
| 1503 | 640 | 2503 | 320 | Plant issue fee |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) |
| 1809 | 770 | 2809 | 385 | Filing a submission after final rejection (37 CFR 1.129(a)) |
| 1810 | 770 | 2810 | 385 | For each additional invention be examined (37 CFR 1.129(b)) |
| 1801 | 770 | 2801 | 385 | Request for Continued Examination (RCE) |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application |

*Reduced by Basic Filing Fee Paid **SUBTOTAL (3)****\$0**Date: 5-24-04By: Mark C. Pickering

Mark C. Pickering, Reg. No. 36,239

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service, postage prepaid, in an envelope, addressed to Mail Stop Groundxert, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 05-24-04

PATENT

Dated: May 24, 2004 By: Delia D. King

10/689,779



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Peter J. Hopper, et al.

Appln. No.: 10/689,779

Filed: October 21, 2003

For: IMAGER WITH IMPROVED
SENSITIVITY

Group Art Unit: 1775

Examiner: Stein, Stephen J.

AMENDMENT IN RESPONSE TO OFFICIAL
ACTION MAILED FEBRUARY 24, 2004

INTRODUCTORY COMMENTS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Official Action mailed February 24, 2004, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper; and

Remarks which begin on page 8 of this paper.

05/28/2004 DEMMANU1 00000146 10689779

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AMENDMENT IN RESPONSE TO OFFICE
ACTION DATED FEBRUARY 24, 2004

Atty. Docket No. 100-23500
(P05712)